

HFM-200 Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here _____*

Options

Please put selection below

Circuit Board	
1	± 15 VDC (Std)
3	24 VDC Supply

Range:

Output	
1	0-5 Volts (Std)
2	4-20mA (Output Only; 0-5 VDC Input)
3	4-20 mA I/O

Flow Units:

Gas:

Fittings	
1	1/4" Swagelok (Std)
2	1/8" Swagelok
3	1/4" VCR
4	1/4" VCO
5	1/4" Elbow
6	9/16-18 Female ST
7	6mm Swagelok
8	3/8" Swagelok

O-Rings	
1	Viton (Std)
2	Kalrez
3	Neoprene
4	Buna-N

Working Pressure	
1	500 psig (Std)
2	1000 psig

Calibration Type	
1	NIST 5 point (Std)
2	NIST 10 point
3	NIST 20 point
4	Curve Fit

HFC-202 Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here*

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow resistance? Y/N _____

Options

Please put selection below

Circuit Board	
1	± 15 VDC (Std)
3	24 VDC Supply

Range:

Output	
1	0-5 Volts (Std)
2	4-20mA (Output Only; 0-5 VDC Input)
3	4-20 mA I/O

Flow Units:

Gas:

Fittings	
1	1/4" Swagelok (Std)
2	1/8" Swagelok
3	1/4" VCR
4	1/4" VCO
5	1/4" Elbow
6	9/16-18 Female ST
7	6mm Swagelok
8	3/8" Swagelok

O-Rings	
1	Viton (Std)
2	Kalrez
3	Neoprene
4	Buna-N

Working Pressure	
1	500 psig (Std)
2	1000 psig

Calibration Type	
1	NIST 5 point (Std)
2	NIST 10 point
3	NIST 20 point
4	Curve Fit

HFM-200 Selection Chart

<u>Options</u>		Please put selection below
Circuit Board		
1	± 15 VDC (Std)	
3	24 VDC Supply (no RF rejection - 0-5 volts only)	
Output 0-20 Ma		
1	0-5 Volts (Std)	
2	4-20mA (not available with fast response)	
Fittings		
5	1/4" Elbow	
O-Rings		
1	Viton (Std)	
2	Kalrez	
3	Neoprene	
4	Buna-N	
Working Pressure		
1	500 psig (Std)	
Calibration Type		
1	NIST 5 point (Std)	
2	NIST 10 point	
3	NIST 20 point	
4	Curve Fit	

Laminar Selection Chart (MODEL No: LS Series)

<u>Options</u>		Please put selection below
		Range _____
		Flow Units _____
		Gas _____
<i>Standard Temperature & Pressure (STP): 0°C & 760 Torr assumed unless specified here</i>		

Pinout		
1	LS Series	
Range		
1	10-25 SLM 3/8" Dia	
2	30-50 SLM 1/2" Dia	
3	60-100 SLM 3/4" Dia	
4	125-200 SLM 1.0" Dia	
5	225-400 SLM 1.5" Dia	
6	450-750 SLM 2.0" Dia	
7	850-1500 SLM 3.0" Dia	
8	(No NPT Version Available) 2500 SLM 4.0" Dia	
9	(No NPT Version Available) 6000 SLM 6.0" Dia	
10	(No NPT Version Available) 10000 SLM 8.0" Dia	
Fittings		
1	NPT Male	
2	Smooth	
3	Flanges	

HFM-201

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here _____*

Options

Please put selection below

Circuit Board		
1	± 15 VDC (Std)	
3	24 VDC Supply	

Range:

Output		
1	0-5 Volts (Std)	
2	4-20mA (Output Only; 0-5 VDC Input)	
3	4-20 mA I/O	

Flow Units:

Gas:

Fittings for 201 (L) -Flow Meter: Ranges from 0-25 slm to 0-500 slm		
1	1/2" Swagelok (Std)	
2	1/2" VCR	
3	No Fitting; 3/4 - 16 M S straight	
4	1/2 VCO	
5	12 mm Swagelok	
6	3/8" Male NPT	
7	1/2" Male NPT	
8	10 mm Swagelok	

Fittings for 201 (H) -Flow Meter: Ranges from 0-500 slm to 0-1000 slm		
9	3/4" Swagelok (Std)	
10	3/4" VCO	
11	20 mm Swagelok	
12	No Fitting, 1 1/16 M s Straight	
13	3/4" VCR	

O-Rings		
1	Viton (Std)	
2	Kalrez	
3	Neoprene	
4	Buna-N	

Working Pressure		
1	500 psig (Std)	
2	1000 psig	

Calibration Type		
1	NIST 5 point (Std)	
2	NIST 10 point	
3	NIST 20 point	
4	Curve Fit	

HFC-203 Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here*

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow resistance? Y/N _____

Options

Please put selection below

Circuit Board	
1	± 15 VDC (Std)
3	24 VDC Supply

Range:

Output	
1	0-5 Volts (Std)
2	4-20mA (Output Only; 0-5 VDC Input)
3	4-20 mA I/O

Flow Units:

Gas:

Fittings for 203 (L) -Flow Controller: Ranges from 0-25 slm to 0-500 slm	
1	1/2" Swagelok (Std)
2	1/2" VCR
3	No Fitting; 3/4 - 16 M S straight
4	1/2 VCO
5	12 mm Swagelok
6	3/8" Male NPT
7	1/2" Male NPT
8	10 mm Swagelok

Fittings for 203 (H) -Flow Meter: Ranges from 0-500 slm to 0-1000 slm	
9	3/4" Swagelok (Std)
10	3/4" VCO
11	20 mm Swagelok
12	No Fitting, 1 1/16 M s Straight
13	3/4" VCR

O-Rings	
1	Viton (Std)
2	Kalrez
3	Neoprene
4	Buna-N

Working Pressure	
1	500 psig (Std)
2	1000 psig

Calibration Type	
1	NIST 5 point (Std)
2	NIST 10 point
3	NIST 20 point
4	Curve Fit

HFM-205

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here _____*

Options

Please put selection below

Circuit Board	
1	± 15 VDC (Std)
3	24 VDC Supply

Range:

Output	
1	0-5 Volts (Std)
2	4-20mA (Output Only; 0-5 VDC Input)
3	4-20 mA I/O

Flow Units:

Gas:

Fittings	
1	1" Swagelok (Std)
2	1" VCR
3	1" VCO
4	25 mm Swagelok
5	3/4" Swagelok
6	1" Male NPT
7	3/4" Male NPT
8	No Fitting; 1 5/16"-12MS ST

O-Rings	
1	Viton (Std)
2	Kalrez
3	Neoprene
4	Buna-N

Working Pressure	
1	500 psig (Std)

Calibration Type	
1	NIST 5 point (Std)
2	NIST 10 point
3	NIST 20 point
4	Curve Fit

HFC-207 Build Sheet

Standard Temperature & Pressure (STP): 0°C & 760 Torr

assumed unless specified here

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow resistance? Y/N _____

Options

Please put selection below

Circuit Board		
1	± 15 VDC (Std)	
3	24 VDC Supply	

Range:

Output		
1	0-5 Volts (Std)	
2	4-20mA (Output Only; 0-5 VDC Input)	
3	4-20 mA I/O	

Flow Units:

Gas:

Fittings		
1	1" Swagelok (Std)	
2	1" VCR	
3	1" VCO	
4	25 mm Swagelok	
5	3/4" Swagelok	
6	1" Male NPT	
7	3/4" Male NPT	
8	No Fitting; 1 5/16"-12MS ST	

O-Rings		
1	Viton (Std)	
2	Kalrez	
3	Neoprene	
4	Buna-N	

Working Pressure		
1	500 psig (Std)	

Calibration Type		
1	NIST 5 point (Std)	
2	NIST 10 point	
3	NIST 20 point	
4	Curve Fit	

HFM-300 Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here _____*

Options

Please put selection below

Circuit Board		
1	Pinout H ((Std))	
2	Pinout U	
3	Pinout M	

Range:

Output		
1	0-5 Volts (Std)	
2	4-20mA	

Flow Units:

Gas:

Fittings		
1	1/4" VCR	
2	1/4" Swagelok ((Std))	
3	1/8" Swagelok	
4	1/4" VCO	

Working Pressure		
1	500 psig (Std)	
2	1000 psig (1500 proof)	

Calibration Type		
1	NIST 5 point (Std)	
2	NIST 10 point	
3	NIST 20 point	
4	Curve Fit	

HFC-302 Build Sheet

Standard Temperature & Pressure (STP): 0°C & 760 Torr

assumed unless specified here

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow resistance? Y/N _____

Options

Please put selection below

Circuit Board		
1	Pinout H (Std)	
2	Pinout U	
3	Pinout M	

Range:

Output		
1	0-5 Volts (Std)	
2	4-20mA	
3	4-20mA I/O	

Flow Units:

Gas:

Fittings		
1	1/4" VCR	
2	1/4" Swagelok (Std)	
3	1/8" Swagelok	
4	1/4" VCO	
5	Threaded End Cap	

Working Pressure		
1	500 psig (Std)	
2	1000 psig (1500 proof)	

Calibration Type		
1	NIST 5 point (Std)	
2	NIST 10 point	
3	NIST 20 point	
4	Curve Fit	

HFM-301 Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here _____*

Options

Please put selection below

Circuit Board		
1	Pinout H (Std)	
2	Pinout U	
3	Pinout M	

Range:

Output		
1	0-5 Volts (Std)	
2	4-20mA	

Flow Units:

Gas:

Fittings		
1	1/2"VCR	
2	1/2" Swagelok (Standard for 301 L < 300 slm)	
3	1/2" VCO	
4	3/4" Swagelok (Standard for 301 H > 300 slm)	

O-Rings		
1	Viton (Std)	
2	Kalrez	
3	Neoprene	
4	Buna-N	

Working Pressure		
1	500 psig (Std)	
2	1000 psig (1500 proof)	

Calibration Type		
1	NIST 5 point (Std)	
2	NIST 10 point	
3	NIST 20 point	
4	Curve Fit	

HFC-303 Build Sheet

Standard Temperature & Pressure (STP): 0°C & 760 Torr

assumed unless specified here

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow resistance? Y/N _____

Options

Please put selection below

Circuit Board		
1	Pinout H (Std)	
2	Pinout U	
3	Pinout M	

Range: _____

Output		
1	0-5 Volts (Std)	
2	4-20mA	

Flow Units: _____

Fittings		
1	1/2" VCR	
2	1/2" Swagelok (Std for 301 L < 300 slm)	
3	1/2" VCO	
4	3/4" Swagelok (Std for 301 H > 300 slm)	

Gas: _____

O-Rings		
1	Viton (Std)	
2	Kalrez	
3	Neoprene	
4	Buna-N	

Working Pressure		
1	500 psig (Std)	
2	1000 psig (1500 proof)	

Calibration Type		
1	NIST 5 point (Std)	
2	NIST 10 point	
3	NIST 20 point	
4	Curve Fit	

HFM-305 Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here _____*

Options

Please put selection below

Circuit Board		
1	Pinout H (Std)	
2	Pinout U	
3	Pinout M	

Range:

Output		
1	0-5 Volts (Std)	
2	4-20mA	

Flow Units:

Gas:

Fittings		
1	1" VCR	
2	1" Swagelok (Std)	
3	1" VCO	

O-Rings		
1	Viton (Std)	
2	Kalrez	
3	Neoprene	
4	Buna N	

Working Pressure		
1	500 psig (Std)	

Calibration Type		
1	NIST 5 point (Std)	
2	NIST 10 point	
3	NIST 20 point	
4	Curve Fit	

HFC-307 Build Sheet

Standard Temperature & Pressure (STP): 0°C & 760 Torr

assumed unless specified here

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow resistance? Y/N _____

Options

Please put selection below

Circuit Board		
1	Pinout H (Std)	
2	Pinout U	
3	Pinout M	

Range: _____

Flow Units: _____

Output		
1	0-5 Volts (Std)	
2	4-20mA	
3	I/O 4-20mA	

Gas: _____

Fittings		
1	1" VCR	
2	1" Swagelok (Std)	
3	1" VCO	

O-Rings		
1	Viton (Std)	
2	Kalrez	
3	Neoprene	
4	Buna N	

Working Pressure		
1	500 psig (Std)	

Calibration Type		
1	NIST 5 point (Std)	
2	NIST 10 point	
3	NIST 20 point	
4	Curve Fit	

HFM-D-300A Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760
 Torr assumed unless specified here*

Please put selection
below

Options

Circuit Board		
1	Pinout H (Hastings)	

Range:

Input/Output		
1	0-5 VDC (Std)	
2	0-10 VDC	
3	4-10 mA	
4	0-20 mA	

Flow Units:

Gas:

Fittings		
1	1/4" VCR	
2	1/4" Swagelok (Std)	
3	1/8" Swagelok	
4	1/4 VCO	
5	9/16 - 18 Female ST	
6	Surface Mount	
7	6mm Swagelok (non-weld)	

Working Pressure		
1	500 psig (Std)	
2	1000 psig (1500 proof)	

Calibration Type		
1	1 NIST Traceable Cal Report (Std)	
2	2 NIST Traceable Cal Reports	
3	3 NIST Traceable Cal Reports	
4	4 NIST Traceable Cal Reports	
5	5 NIST Traceable Cal Reports	
6	6 NIST Traceable Cal Reports	
7	7 NIST Traceable Cal Reports	
8	8 NIST Traceable Cal Reports	

Digital		
1	RS232 (Std)	
2	RS485	

HFC-D-302A Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here*

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow resistance? Y/N _____

Please put selection
below

Options

Circuit Board	
1	Pinout H (Hastings)

Range:

Input/Output	
1	0-5 VDC (Std)
2	0-10 VDC
3	4-10 mA
4	0-20 mA

Flow Units:

Gas:

Fittings	
1	1/4" VCR
2	1/4" Swagelok (Std)
3	1/8" Swagelok
4	1/4 VCO
5	9/16 - 18 Female ST
6	Surface Mount
7	6mm Swagelok (non-weld)

Working Pressure	
1	500 psig (Std)
2	1000 psig (1500 proof)

Calibration Type	
1	1 NIST Traceable Cal Report (std)
2	2 NIST Traceable Cal Reports
3	3 NIST Traceable Cal Reports
4	4 NIST Traceable Cal Reports
5	5 NIST Traceable Cal Reports
6	6 NIST Traceable Cal Reports
7	7 NIST Traceable Cal Reports
8	8 NIST Traceable Cal Reports

Digital	
1	RS232 (Std)
2	RS485

HFM-D-300B Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760
 Torr assumed unless specified here _____*

Options

Please put selection below

Input/Output		
1	0-5 VDC (Std)	
2	0-10 VDC	
3	4-10 mA	
4	0-20 mA	

Range:

Flow Units:

Fittings		
1	1/4" VCR	
2	1/4" Swagelok (Std)	
3	1/8" Swagelok	
4	1/4 VCO	
5	9/16 - 18 Female ST	
6	Surface Mount	
7	6mm Swagelok (non-weld)	

Gas:

Working Pressure		
1	500 psig (Std)	
2	1000 psig (1500 proof)	

Calibration Records		
1	1 NIST Traceable Cal Report (std)	
2	2 NIST Traceable Cal Reports	
3	3 NIST Traceable Cal Reports	
4	4 NIST Traceable Cal Reports	
5	5 NIST Traceable Cal Reports	
6	6 NIST Traceable Cal Reports	
7	7 NIST Traceable Cal Reports	
8	8 NIST Traceable Cal Reports	

Digital		
1	RS232 (Std)	
2	RS485	

Calibration Type		
1	NIST 5 Point (Std)	
2	NIST 10 Point	
3	NIST 20 Point	

Display		
1	Touchscreen Display	
2	No Display (Std)	

HFC-D-302B Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here*

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow resistance? Y/N _____

Options

Please put selection below

Input/Output		
1	0-5 VDC (Std)	
2	0-10 VDC	
3	4-10 mA	
4	0-20 mA	

Range:

Flow Units:

Fittings		
1	1/4" VCR	
2	1/4" Swagelok (Std)	
3	1/8" Swagelok	
4	1/4 VCO	
5	9/16 - 18 Female ST	
6	Surface Mount	
7	6mm Swagelok (non-weld)	

Gas:

Working Pressure		
1	500 psig (Std)	
2	1000 psig (1500 proof)	

Calibration Records		
1	1 NIST Traceable Cal Report (std)	
2	2 NIST Traceable Cal Reports	
3	3 NIST Traceable Cal Reports	
4	4 NIST Traceable Cal Reports	
5	5 NIST Traceable Cal Reports	
6	6 NIST Traceable Cal Reports	
7	7 NIST Traceable Cal Reports	
8	8 NIST Traceable Cal Reports	

Digital		
1	RS232 (Std)	
2	RS485	

Calibration Type		
1	NIST 5 Point (Std)	
2	NIST 10 Point	
3	NIST 20 Point	

Display		
1	Touchscreen Display	
2	No Display (Std)	

HFM-D-301A Build Sheet

Standard Temperature & Pressure (STP): 0°C & 760

Torr assumed unless specified here _____

Options

Please put selection below

Output	
1	0-5 VDC (Std)
2	0-10 VDC
3	4-10 mA
4	0-20 mA

Range:

Flow Units:

Gas:

Small Base Fittings	
1	1/2" VCR
2	1/2" Swagelok (Std)
3	1/2" VCO
6	3/8" Male NPT
7	1/2" Male NPT
8	3/4" - 16 Fem S. Thread
10	10mm Swagelok
12	12mm Swagelok
14	Surface Mount (meter only)

Large Base Fittings	
4	3/4" Swagelok (Std)
5	3/4" VCO
9	1 1/16" - 12 Female ST
11	3/4" VCR
13	20 mm Swagelok

Seals	
1	Viton (Std)
2	Kalrez
3	Neoprene
4	Buna-N

Working Pressure	
1	500 psig (Std)
2	1000 psig (1500 proof)

Calibration Records	
1	1 NIST Traceable Cal Report (std)
2	2 NIST Traceable Cal Reports
3	3 NIST Traceable Cal Reports
4	4 NIST Traceable Cal Reports
5	5 NIST Traceable Cal Reports
6	6 NIST Traceable Cal Reports
7	7 NIST Traceable Cal Reports
8	8 NIST Traceable Cal Reports

Digital	
1	RS232 (Std)
2	RS485

HFC-D-303A Build Sheet

Standard Temperature & Pressure (STP): 0°C & 760 Torr

assumed unless specified here _____

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow resistance? Y/N _____

Options

Please put selection below

Circuit Board	
1	H Pinout (Std)

Range: _____

Output	
1	0-5 VDC (Std)
2	0-10 VDC
3	4-20 mA
4	0-20 mA

Flow Units: _____

Gas: _____

Small Base Fittings	
1	1/2" VCR
2	1/2" Swagelok (Std)
3	1/2" VCO
6	3/8" Male NPT
7	1/2" Male NPT
8	3/4" - 16 Fem S. Thread
10	10mm Swagelok
12	12mm Swagelok
14	Surface Mount (meter only)

Large Base Fittings	
4	3/4" Swagelok (Std)
5	3/4" VCO
9	1 1/16" - 12 Female ST
11	3/4" VCR
13	20 mm Swagelok

Seals	
1	Viton (Std)
2	Kalrez
3	Neoprene
4	Buna-N

Working Pressure	
1	500 psig (Std)
2	1000 psig (1500 proof)

Calibration Type	
1	1 NIST Traceable Cal Report (std)
2	2 NIST Traceable Cal Reports
3	3 NIST Traceable Cal Reports
4	4 NIST Traceable Cal Reports
5	5 NIST Traceable Cal Reports
6	6 NIST Traceable Cal Reports
7	7 NIST Traceable Cal Reports
8	8 NIST Traceable Cal Reports

Digital	
1	RS232 (Std)
2	RS485

HFM-D-301B Build Sheet

Standard Temperature & Pressure (STP): 0°C & 760

Torr assumed unless specified here _____

Please put selection
below

Options

Output	
1	0-5 VDC (Std)
2	0-10 VDC
3	4-10 mA
4	0-20 mA

Range:

Flow Units:

Small Base Fittings	
1	1/2" VCR
2	1/2" Swagelok (Std)
3	1/2" VCO
6	3/8" Male NPT
7	1/2" Male NPT
8	3/4" - 16 Fem S. Thread
10	10mm Swagelok
12	12mm Swagelok
14	Surface Mount (meter only)

Gas:

Large Base Fittings	
4	3/4" Swagelok (Std)
5	3/4" VCO
9	1 1/16" - 12 Female ST
11	3/4" VCR
13	20 mm Swagelok

Seals	
1	Viton (Std)
2	Kalrez
3	Neoprene
4	Buna-N

Working Pressure	
1	500 psig (Std)
2	1000 psig (1500 proof)

Calibration Records	
1	1 NIST Traceable Cal Report (Std)
2	2 NIST Traceable Cal Reports
3	3 NIST Traceable Cal Reports
4	4 NIST Traceable Cal Reports
5	5 NIST Traceable Cal Reports
6	6 NIST Traceable Cal Reports
7	7 NIST Traceable Cal Reports
8	8 NIST Traceable Cal Reports

Digital	
1	RS232 (Std)
2	RS485

Calibration Type	
1	NIST 5 Point (Std)
2	NIST 10 Point
3	NIST 20 Point

Display	
1	Touchscreen Display
2	No Display (Std)

HFM-D-303B Build Sheet

Standard Temperature & Pressure (STP): 0°C & 760

Torr assumed unless specified here _____

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow
 resistance? Y/N _____

Options

Please put
 selection below

Output		
1	0-5 VDC (Std)	
2	0-10 VDC	
3	4-10 mA	
4	0-20 mA	

Small Base Fittings		
1	1/2" VCR	
2	1/2" Swagelok (Std)	
3	1/2" VCO	
6	3/8" Male NPT	
7	1/2" Male NPT	
8	3/4" - 16 Fem S. Thread	
10	10mm Swagelok	
12	12mm Swagelok	
14	Surface Mount (meter only)	

Large Base Fittings		
4	3/4" Swagelok (Std)	
5	3/4" VCO	
9	1 1/16" - 12 Female ST	
11	3/4" VCR	
13	20 mm Swagelok	

Seals		
1	Viton (Std)	
2	Kalrez	
3	Neoprene	
4	Buna-N	

Range: _____

Flow Units: _____

Gas: _____

Please put
 selection below

Working Pressure		
1	500 psig (Std)	
2	1000 psig (1500 proof)	

Calibration Records		
1	1 NIST Traceable Cal Report (Std)	
2	2 NIST Traceable Cal Reports	
3	3 NIST Traceable Cal Reports	
4	4 NIST Traceable Cal Reports	
5	5 NIST Traceable Cal Reports	
6	6 NIST Traceable Cal Reports	
7	7 NIST Traceable Cal Reports	
8	8 NIST Traceable Cal Reports	

Digital		
1	RS232 (Std)	
2	RS485	

Calibration Type		
1	NIST 5 Point (Std)	
2	NIST 10 Point	
3	NIST 20 Point	

Display		
1	Touchscreen Display	
2	No Display (Std)	

HFM-D-305A Build Sheet

Standard Temperature & Pressure (STP): 0°C & 760
 Torr assumed unless specified here _____

Please put selection
 below

Options

Circuit Board	
1	H Pin (Std)

Range:

Output	
1	0-5 VDC (Std)
2	0-10 VDC
3	4-10 mA
4	0-20 mA

Flow Units:

Gas:

Fittings	
1	1" VCR
2	1" Swagelok (Std)
3	1" VCO
4	25mm Swagelok
5	3/4" Swagelok
6	1" Male NPT
7	3/4" Male NPT
8	No Fitting 1 5/16*-12 MS ST
9	1" Female NPT

Seals	
1	Viton (Std)
2	Kalrez
3	Neoprene
4	Buna-N

Working Pressure	
1	500 psig (Std)

Calibration Type	
1	1 NIST Traceable Cal Report (Std)
2	2 NIST Traceable Cal Reports
3	3 NIST Traceable Cal Reports
4	4 NIST Traceable Cal Reports
5	5 NIST Traceable Cal Reports
6	6 NIST Traceable Cal Reports
7	7 NIST Traceable Cal Reports
8	8 NIST Traceable Cal Reports

Digital	
1	RS232 (Std)
2	RS485

HFC-D-307A Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here*

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow resistance? Y/N _____

Please put selection
below

Options

Circuit Board	
1	H Pin (Std)

Range:

Output	
1	0-5 VDC (Std)
2	0-10 VDC
3	4-10 mA
4	0-20 mA

Flow Units:

Gas:

Fittings	
1	1" VCR
2	1" Swagelok (Std)
3	1" VCO
4	25mm Swagelok
5	3/4" Swagelok
6	1" Male NPT
7	3/4" Male NPT
8	No Fitting 1 5/16"-12 MS ST
9	1" Female NPT

Seals	
1	Viton (Std)
2	Kalrez
3	Neoprene
4	Buna-N

Working Pressure	
1	500 psig (Std)

Calibration Type	
1	1 NIST Traceable Cal Report (Std)
2	2 NIST Traceable Cal Reports
3	3 NIST Traceable Cal Reports
4	4 NIST Traceable Cal Reports
5	5 NIST Traceable Cal Reports
6	6 NIST Traceable Cal Reports
7	7 NIST Traceable Cal Reports
8	8 NIST Traceable Cal Reports

Digital	
1	RS232 (Std)
2	RS485

HFM-D-305B Build Sheet

Standard Temperature & Pressure (STP): 0°C & 760

Torr assumed unless specified here _____

Options

Please put selection below

Output		
1	0-5 VDC (Std)	
2	0-10 VDC	
3	4-10 mA	
4	0-20 mA	

Fittings		
1	1" VCR	
2	1" Swagelok (Std)	
3	1" VCO	
4	25mm Swagelok	
5	3/4" Swagelok	
6	1" Male NPT	
7	3/4" Male NPT	
8	No Fitting 1/8"-1/2" MS ST	
9	1" Female NPT	

Seals		
1	Viton (Std)	
2	Kalrez	
3	Neoprene	
4	Buna-N	

Working Pressure		
1	500 psig (Std)	

Range:

Flow Units

Gas:

Please put selection below

Calibration Records		
1	1 NIST Traceable Cal Report (Std)	
2	2 NIST Traceable Cal Reports	
3	3 NIST Traceable Cal Reports	
4	4 NIST Traceable Cal Reports	
5	5 NIST Traceable Cal Reports	
6	6 NIST Traceable Cal Reports	
7	7 NIST Traceable Cal Reports	
8	8 NIST Traceable Cal Reports	

Digital		
1	RS232 (Std)	
2	RS485	

Calibration Type		
1	NIST 5 Point (Std)	
2	NIST 10 Point	
3	NIST 20 Point	

Display		
1	Touchscreen Display	
2	No Display (Std)	

HFC-D-307B Build Sheet

Standard Temperature & Pressure (STP): 0°C & 760 Torr

assumed unless specified here _____

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow resistance? Y/N _____

Please put selection below

Options

Output	
1	0-5 VDC (Std)
2	0-10 VDC
3	4-10 mA
4	0-20 mA

Fittings	
1	1" VCR
2	1" Swagelok (Std)
3	1" VCO
4	25mm Swagelok
5	3/4" Swagelok
6	1" Male NPT
7	3/4" Male NPT
8	No Fitting 1 5/16"-12 MS ST
9	1" Female NPT

Seals	
1	Viton (Std)
2	Kalrez
3	Neoprene
4	Buna-N

Please put selection below

Range: _____

Flow Units: _____

Gas: _____

Working Pressure	
1	500 psig (Std)

Calibration Records	
1	1 NIST Traceable Cal Report (Std)
2	2 NIST Traceable Cal Reports
3	3 NIST Traceable Cal Reports
4	4 NIST Traceable Cal Reports
5	5 NIST Traceable Cal Reports
6	6 NIST Traceable Cal Reports
7	7 NIST Traceable Cal Reports
8	8 NIST Traceable Cal Reports

Digital	
1	RS232 (Std)
2	RS485

Calibration Type	
1	NIST 5 Point (Std)
2	NIST 10 Point
3	NIST 20 Point

Display	
1	Touchscreen Display
2	No Display (Std)

HFM-306 Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here _____*

Options

Please put selection below

Circuit Board		
1	Pinout H (Standard)	

Range:

Output		
1	0-5 Volts (Std)	
2	4-20mA	

Flow Units:

Fittings		
1	1" Compression	
2	1 1/2" Compression	
3	2" Compression	

Gas:

Seals		
1	Viton (Std)	
2	Kalrez	
3	Neoprene	
4	Buna N	

Working Pressure		
1	500 psig (Std)	

Calibration Type		
1	NIST 5 point (Std)	
2	NIST 10 point	
3	NIST 20 point	
4	Curve Fit	

HFM-D-306A Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760
 Torr assumed unless specified here _____*

Please put selection
below

Options

Circuit Board	
1	H Pin (Std)

Range:

Output	
1	0-5 VDC (Std)
2	0-10 VDC
3	4-10 mA
4	0-20 mA

Flow Units:

Gas:

Fittings	
1	1" Compression
2	1 1/2" Compression
3	2" Compression (Std)

Seals	
1	Viton (Std)
2	Kalrez (meter only)
3	Neoprene (meter only)
4	Buna-N

Working Pressure	
1	300 psig (Std)

Calibration Type	
1	1 NIST Traceable Cal Report (Std)
2	2 NIST Traceable Cal Reports
3	3 NIST Traceable Cal Reports
4	4 NIST Traceable Cal Reports
5	5 NIST Traceable Cal Reports
6	6 NIST Traceable Cal Reports
7	7 NIST Traceable Cal Reports
8	8 NIST Traceable Cal Reports

Digital	
1	RS232 (Std)
2	RS485

HFC-D-308A Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here*

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow resistance? Y/N _____

Please put selection
below

Options

Circuit Board	
1	H Pin (Std)

Range:

Output	
1	0-5 VDC (Std)
2	0-10 VDC
3	4-10 mA
4	0-20 mA

Flow Units:

Gas:

Fittings	
1	1" Compression
2	1 1/2" Compression
3	2" Compression (Std)

Seals	
1	Viton (Std)
2	Kalrez (meter only)
3	Neoprene (meter only)
4	Buna-N

Working Pressure	
1	300 psig (Std)

Calibration Type	
1	1 NIST Traceable Cal Report (Std)
2	2 NIST Traceable Cal Reports
3	3 NIST Traceable Cal Reports
4	4 NIST Traceable Cal Reports
5	5 NIST Traceable Cal Reports
6	6 NIST Traceable Cal Reports
7	7 NIST Traceable Cal Reports
8	8 NIST Traceable Cal Reports

Digital	
1	RS232 (Std)
2	RS485

HFM-D-306B Build Sheet

Standard Temperature & Pressure (STP): 0°C & 760

Torr assumed unless specified here _____

Options

Please put selection below

Output	
1	0-5 VDC (Std)
2	0-10 VDC
3	4-10 mA
4	0-20 mA

Range:

Flow Units

Fittings	
1	1" Compression
2	1 1/2" Compression
3	2" Compression (Std)

Gas:

Seals	
1	Viton (Std)
2	Kalrez (meter only)
3	Neoprene (meter only)
4	Buna-N

Working Pressure	
1	300 psig (Std)

Calibration Report	
1	1 NIST Traceable Cal Report (Std)
2	2 NIST Traceable Cal Reports
3	3 NIST Traceable Cal Reports
4	4 NIST Traceable Cal Reports
5	5 NIST Traceable Cal Reports
6	6 NIST Traceable Cal Reports
7	7 NIST Traceable Cal Reports
8	8 NIST Traceable Cal Reports

Digital	
1	RS232 (Std)
2	RS485

Calibration Type	
1	NIST 5 Point (Std)
2	NIST 10 Point
3	NIST 20 Point

Display	
1	Touchscreen Display
2	No Display (Std)

HFC-D-308B Build Sheet

*Standard Temperature & Pressure (STP): 0°C & 760 Torr
 assumed unless specified here*

Upstream Pressure (min/max) _____

Downstream Pressure (min/max) _____

Is downstream pressure dependent on flow resistance? Y/N _____

Options

Please put selection below

Output	
1	0-5 VDC (Std)
2	0-10 VDC
3	4-10 mA
4	0-20 mA

Range: _____

Flow Units: _____

Fittings	
1	1" Compression
2	1 1/2" Compression
3	2" Compression (Std)

Gas: _____

Seals	
1	Viton (Std)
2	Kalrez (meter only)
3	Neoprene (meter only)
4	Buna-N

Working Pressure	
1	300 psig (Std)

Calibration Report	
1	1 NIST Traceable Cal Report (Std)
2	2 NIST Traceable Cal Reports
3	3 NIST Traceable Cal Reports
4	4 NIST Traceable Cal Reports
5	5 NIST Traceable Cal Reports
6	6 NIST Traceable Cal Reports
7	7 NIST Traceable Cal Reports
8	8 NIST Traceable Cal Reports

Digital	
1	RS232 (Std)
2	RS485

Calibration Type	
1	NIST 5 Point (Std)
2	NIST 10 Point
3	NIST 20 Point

Display	
1	Touchscreen Display
2	No Display (Std)